

Docket No.: 13311-00009-US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Matuschek et al.

Conf. No.: 6025

Application No.: 10/541,750

Group Art Unit: N/A

Filed: July 8, 2005

Examiner: Not Yet Assigned

For: METHOD FOR PRODUCING CAROTENOIDS  
OR THEIR PRECURSORS USING  
GENETICALLY MODIFIED ORGANISMS OF  
THE BLAKESLEA GENUS, CAROTENOIDS  
OR THEIR PRECURSORS PRODUCED BY  
SAID METHOD AND USE THEREOF

**AMENDMENT AND RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS  
UNDER 35 U.S.C. 371 IN THE U. S. DESIGNATED/ELECTED OFFICE (DO/EO/US)**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Notification of Missing Requirements Under 37 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) dated March 24, 2006, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** directing entry of the attached Sequence Listing begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.